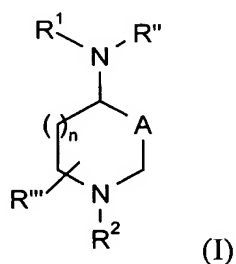


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

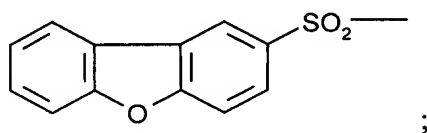
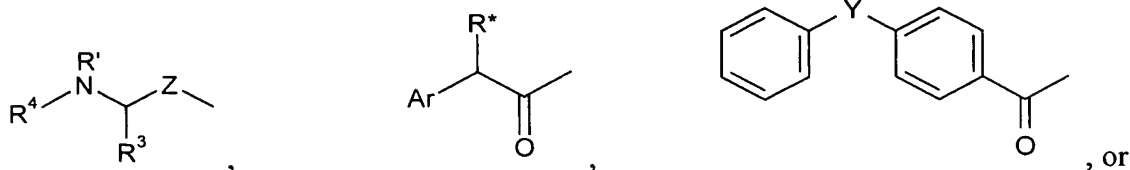
1. (Currently amended) A compound according to formula (I):



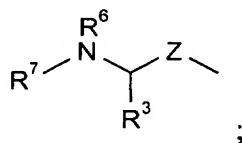
wherein:

A is C(O) or CH(OH);

R¹ is



R² is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, R⁵C(O)-, R⁵C(S)-, R⁵SO₂-, R⁵OC(O)-, R⁵R'NC(O)-, R⁵R'NC(S)-, adamantyl-C(O)-, or



R³ is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl;

R⁴ is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl;

each R^3 independently is H, C₂₋₆alkenyl, C₂₋₆alkynyl, Het, Ar or C₁₋₆alkyl optionally substituted by OR', SR', NR'₂, R'NC(O)OR⁵, CO₂R', CO₂NR'₂, N(C=NH)NH₂, Het or Ar;

R^4 is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, R⁵C(O)-, R⁵C(S)-, R⁵SO₂-, R⁵OC(O)-, R⁵R'NC(O)-, R⁵R'NC(S)-, R'HNCH(R')C(O)-, or R⁵OC(O)NR'CH(R')C(O)-;

each R^5 independently is C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, Ar-C₀₋₆alkoxy, Het-C₀₋₆alkoxy, or C₁₋₆alkyl ~~optionally substituted by OR', SR', NR'₂, R'NC(O)OR⁵, CO₂R', CO₂NR'₂, N(C=NH)NH₂, Het or Ar;~~

R^6 is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl; and

R^7 is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, Het-C₀₋₆alkyl, R⁵C(O)-, R⁵C(S)-, R⁵SO₂-, R⁵OC(O)-, R⁵R'NC(O)-, R⁵R'NC(S)-, R'HNCH(R')C(O)-, or R⁵OC(O)NR'CH(R')C(O)-; or

R^6 and R^7 are connected to form a pyrrolidine, a piperidine, or a morpholine ring;

each R' independently is H, C₁₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl; or phenyl or naphthyl substituted by one to three moieties selected from C₁₋₄alkyl, OR', N(R')₂, SR', CF₃, NO₂, CN, CO₂R', CON(R'), F, Cl, Br and I, or substituted by a methylenedioxy group.;

R^* is H, C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl;

Y is a single bond or O;

each Z independently is CO or CH₂; and

n is 0, 1, or 2;

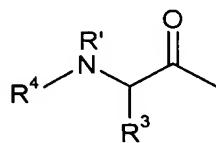
wherein each Ar is independently unsubstituted phenyl or naphthyl; or phenyl or naphthyl substituted by one or more of Ph-C₀₋₆alkyl, Het-C₀₋₆alkyl, C₁₋₆alkoxy, Ph-C₀₋₆alkoxy, Het-C₀₋₆alkoxy, OH, (CH₂)₁₋₆NR'R', O(CH₂)₁₋₆NR'R'; wherein each R' independently is as defined above;

wherein each Het is independently a stable 5- to 7-membered monocyclic or a stable 7- to 10-membered bicyclic heterocyclic ring, which is saturated or unsaturated, and which consists of carbon atoms and from one to four heteroatoms selected from the group consisting of N, O and S; wherein the nitrogen and sulfur heteroatoms may optionally be oxidized, and the nitrogen heteroatom may optionally be quaternized, and including any bicyclic group in which any of the above-defined heterocyclic rings is fused to a benzene ring, and may optionally be substituted with one or two moieties selected from C₁₋₄alkyl, OR', N(R')₂, SR', CF₃, NO₂, CN, CO₂R', CON(R'), F, Cl, Br and I; wherein each R' independently is as defined above; and

wherein each Het may optionally be selected from the group consisting of piperidinyl, piperazinyl, 2-oxopiperazinyl, 2-oxopiperidinyl, 2-oxopyrrolodinyl, 2-oxoazepinyl, azepinyl, pyrrolyl, 4-piperidonyl, pyrrolidinyl, pyrazolyl, pyrazolidinyl, imidazolyl, pyridyl, pyrazinyl, oxazolidinyl, oxazolinyl, oxazolyl, isoxazolyl, morpholinyl, thiazolidinyl, thiazolinyl, thiazolyl, quinuclidinyl, indolyl, quinolinyl, isoquinolinyl, benzimidazolyl, benzopyranyl, benzoxazolyl, furyl, pyranyl, tetrahydrofuryl, tetrahydropyranyl, thienyl, benzoxazolyl, thiamorpholinyl sulfoxide, thiamorpholinyl sulfone, oxadiazolyl, benzothiazolyl, benzoisothiazolyl, benzisoxazolyl, pyrimidinyl, cinnolinyl, quinazolinyl, quinoxalyl, 1,5-naphthyridinyl, 1,6-naphthyridinyl, 1,7-naphthyridinyl, 1,8-naphthyridinyl, tetrazolyl, 1,2,3-triazolyl, and 1,2,4-triazolyl;

or a pharmaceutically acceptable salt thereof.

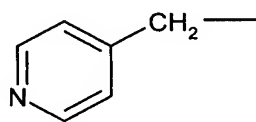
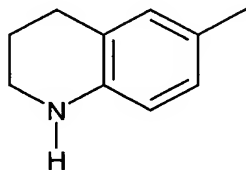
2 (Original). A compound according to claim 1 wherein R¹ is

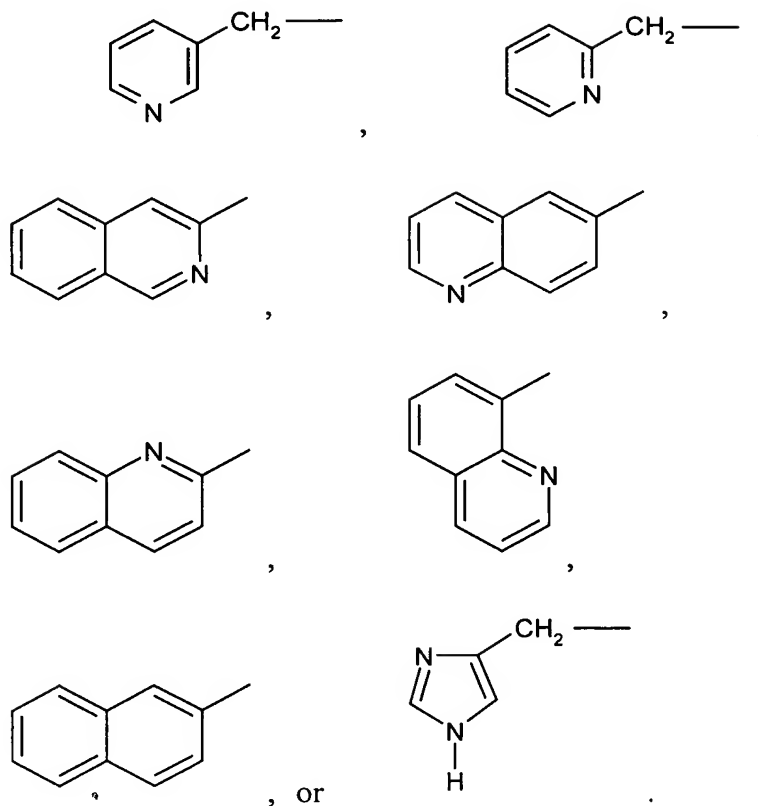


3 (Original). A compound according to claim 2 wherein R⁴ is R⁵C(O)-, R⁵SO₂-, R⁵OC(O)-.

4 (Original). A compound according to claim 3 wherein R⁵ in said R¹ group is Ar-C₀₋₆alkyl or Het-C₀₋₆alkyl.

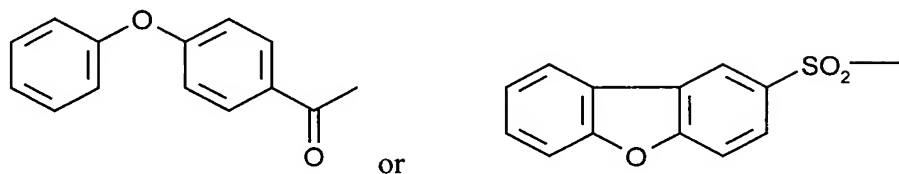
5 (Original). A compound according to claim 4 wherein R⁵ in said R¹ group is phenyl or benzyl which are unsubstituted or substituted by one or two of the group consisting of Cl, Br, F, CF₃, C₁₋₄alkyl, OH, C₁₋₄alkoxy, CN, CONH₂, NH₂, or NO₂, or substituted by methylenedioxy; or



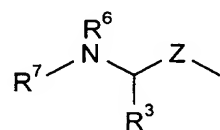


6 (Original). A compound according to claim 2 wherein, in said R^1 group, R' is H or CH_3 and R^3 is i-butyl.

7 (Original). A compound according to claim 1 wherein R^1 is



8 (Original). A compound according to claim 1 wherein R^2 is



9 (Original). A compound according to claim 8 wherein R^7 is $R^5OC(O)-$.

10 (Original). A compound according to claim 9 wherein R⁵ in said R⁷ group is Ar-C₀₋₆alkyl or Het-C₀₋₆alkyl.

11 (Original). A compound according to claim 10 wherein R⁵ in said R⁷ group is phenyl or benzyl which are unsubstituted or substituted by one or two of the group consisting of Cl, Br, F, CF₃, C₁₋₄alkyl, OH, C₁₋₄alkoxy, CN, CONH₂, NH₂, or NO₂, or substituted by methylenedioxy; or 2-, 3-, or 4-pyridyl-CH₂-.

Claim 12 (Cancelled).

13 (Original). A compound according to claim 8 wherein, in said R² group, R⁶ is H or CH₃ and R³ is i-butyl.

Claim 14 (Cancelled).

15 (Original). A compound according to claim 1 wherein A is C(O).

16 (Original). A compound according to claim 1 which is:

(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[4-(phenoxybenzamide)]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[4-(biphenylethanoyl)]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[4-(biphenylethanoyl)]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(tert-butoxyoxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(tert-butoxyoxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-(aminomethyl)pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;

4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(N-tert-butoxycarbonyl)ethanoyl]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(ethanoyl)aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(tert-butoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(tert-butoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)amino]ethanoyl]-3-pyrrolidinonol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)amino]ethanoyl]-3-pyrrolidinonone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-3-tert-butoxy-[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinol;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-2-[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-2-[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[cyclohexanepropanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[cyclohexanepropanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(2-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(2-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(3-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(3-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(2-pyridylcarbonyl)-3-pyrrolidinol;

4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridylcarbonyl)-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenyl)ethanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenyl)ethanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[[[(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[[[(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(tert-butoxycarbonyl)amino]ethanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(tert-butoxycarbonyl)amino]ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-(amino)ethanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentanoyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentanoyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(benzoyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(benzoyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(acetyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(acetyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridoxyacetyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridoxyacetyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[[[(benzyloxycarbonyl)methylamino]ethanoyl]-3-piperidinol;

4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-pyrrolidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-(phenoxy)ethanoyl]-3-pyrrolidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-(phenoxy)ethanoyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-phenyl)ethanoyl]-3-pyrrolidinol;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-phenyl)ethanoyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-ethanoyl-3-pyrrolidinol;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-ethanoyl-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-cyanobenzoyl)-3-pyrrolidinol;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-cyanobenzoyl)-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinol;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinol;
 4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
 4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;

4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(4-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[1-(adamantyl)carbonyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[1-(adamantyl)carbonyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentanoyl)-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentanoyl)-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-D-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-D-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-N^ε-(tert-butoxycarbonyl)-L-lysine]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-N^ε-(tert-butoxycarbonyl)-L-lysine]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-methylpentanoyl)-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-methylpentanoyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinol;

4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinone;
 (3RS,4RS)-4-[[N-2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
 4-[[N-2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(methanesulphonyl)-3-piperidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(methanesulphonyl)-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(phenylsulphonyl)-3-piperidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(phenylsulphonyl)-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(8-quinolinesulphonyl)-3-pyrrolidinol;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(8-quinolinesulphonyl)-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(2-pyridylsulphonyl)-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(2-pyridylsulphonyl)-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-propoxy)carbonyl]-3-pyrrolidinol;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-propoxy)carbonyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(3-methyl-1-propoxy)carbonyl]-3-pyrrolidinol;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(3-methyl-1-propoxy)carbonyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)phenylsulphonyl]-3-pyrrolidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)phenylsulphonyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)phenylsulphonyl]-3-piperidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)phenylsulphonyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
 4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;

(3RS,4RS)-4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]methylamino]pentanoyl]-3-pyrrolidinol;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]methylamino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3-chlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(3-chlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(8-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(8-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-piperidinol;

4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(acetyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinol;
 4-[[N^α-(acetyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(p-trifluoromethylbenzenesulphonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinol;
 4-[[N^α-(p-trifluoromethylbenzenesulphonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(6-quinolinecarbonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinol;
 4-[[N^α-(6-quinolinecarbonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
 (3RS,4RS)-4-[[2-(RS)-(3-biphenyl)-4-methyl]amino]pentanoyl]-1-(4-methylpentyl)-3-piperidinol;
 4-[[2-(RS)-[(3-biphenyl)-4-methyl]amino]pentanoyl]-1-(4-methylpentyl)-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethyl]-3-piperidinol;
 4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(a-toluenesulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
 4-[[N^α-(a-toluenesulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
 4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(benzensulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
 4-[[N^α-(benzensulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
 4-[[N^α-(3-isoquinolinecarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
 (3RS,4RS)-4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinol;
 4-[3-[(2-pyridyl)phenylacetyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;

(3RS,4RS)-4-[3-[(2-pyridyl)phenylacetyl]]amino]-1-[(2S)-4-methyl-2-[[2-pyridinylmethoxycarbonyl]]amino]pentanoyl]-3-piperidinol;
4-[3-[(2-pyridyl)phenylacetyl]]amino]-1-[(2S)-4-methyl-2-[[2-(pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-phenylacetyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(tert-butoxyoxycarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[(L-leuciny)]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(piperonylcarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(piperonylcarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-nitro-a-toluenesulphonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-nitro-a-toluenesulphonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]]aminomethyl]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]]aminomethyl]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]]aminomethyl]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinol;

4-[[N^α-(2-quinolinyllcarbonyl)-L-leucinyll]aminomethyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(phenylacetyl)-L-leucinyll]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(phenylacetyl)-L-leucinyll]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyll]amino]-1-
[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyll]amino]-1-[(2S)-4-methyl-
2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyll]amino]-1-
[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyll]amino]-1-[(2R)-4-methyl-
2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(phenylacetyl)-L-leucinyll]amino]-1-[(2R)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(phenylacetyl)-L-leucinyll]amino]-1-[(2R)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-imidazoleacetyl)-L-leucinyll]amino]-1-[(2R)-4-methyl-
2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-imidazoleacetyl)-L-leucinyll]amino]-1-[(2R)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-imidazoleacetyl)-L-leucinyll]amino]-1-[(2S)-4-methyl-
2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-imidazoleacetyl)-L-leucinyll]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylcarbonyl)-L-leucinyll]amino]-1-[(2S)-4-
methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinol;
4-[[N^α-(4-pyridinylcarbonyl)-L-leucinyll]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leucinyll]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
(3RS,4RS)-4-[[N^α-(8-quinolinesulphonyl)-L-leucinyll]amino]-1-
(benzyloxycarbonyl)-3-piperidinol;
4-[[N^α-(8-quinolinesulphonyl)-L-leucinyll]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylacetyl)-L-leucinyll]amino]-1-
(benzyloxycarbonyl)-3-piperidinol;
4-[[N^α-(4-pyridinylacetyl)-L-leucinyll]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
(3RS,4RS)-4-[[N^α-(4-imidazoleacetyl)-L-leucinyll]amino]-1-
(benzyloxycarbonyl)-3-piperidinol;

4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinol;
4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-piperidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(3-isoquinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(3-isoquinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]aminomethyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(6-hydroxy-2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(6-hydroxy-2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(6-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(6-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-3-pyrrolidinol;

1-benzyl-4-[[N^α-(4-imidazoleacetyl)-L-leucynyl]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(4-pyridinylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(4-pyridinylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leucynyl]amino]-1-benzyloxycarbonyl-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(tert-butoxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(tert-butoxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-(amino)pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-methylpropoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-methylpropoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(methylamino)thiocarbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(methylamino)thiocarbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(phenylmethylamino)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(phenylmethylamino)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(3,4-dichlorophenylamino)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(3,4-dichlorophenylamino)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(3,4-dichlorophenylamino)-L-leucynyl]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(3,4-dichlorophenylamino)-L-leucynyl]amino]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;

(3RS,4RS)-4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinol;
4-[[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinol;
4-[[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinol;
4-[[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(methanesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(methanesulphonyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(a-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(a-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(2-quinoliny]carbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-phenethyl)-4-[[N^α-(2-nitro-α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-phenethyl)-4-[[N^α-(2-nitro-α-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[4-pyridiny]carbonyl]]amino]pentyl]-3-pyrrolidinol;

4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-pyridinylcarbonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[p-toluenesulphonyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[p-toluenesulphonyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-imidazoleacetyl]]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-imidazoleacetyl]]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(4-phenoxybenzoyl)amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentanoyl]-3-pyrrolidinolycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(3-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(4-cyanobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(4-cyanobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(4-bromobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(4-bromobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-phenethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-phenethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(3-aminobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(3-benzyloxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(3-benzyloxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(3-hydroxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(3-hydroxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;

(3RS,4RS)-1-ethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-ethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-cyclopropylmethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-cyclopropylmethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-N,N-dimethylaminoethyl)-4-[[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-(2-N,N-dimethylaminoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-morpholinoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinonol;
1-(2-morpholinoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-(2-bromobenzyl)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinonol;
1-(2-bromobenzyl)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinonone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentyl]-3-pyrrolidinol;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(2-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(2-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(3-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(3-pyridinylmethoxy)carbonyl]-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinol;

4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-nitro-*a*-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[[N^α-(2-nitro-*α*-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(phenylsulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(phenylsulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(*a*-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(*a*-toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-3-pyrrolidinone
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-piperidinol;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-piperidinone
(3RS,4RS)-1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-piperidinol;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-piperidinone;
(3RS,4RS)-1-benzyl-4-[[N^α-(2-naphthylsulphonyl)]amino]-3-piperidinol;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(benzyloxycarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinol;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[(2S)-4-methyl-2-[(benzyloxycarbonyl)amino]pentyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinol;
4-[(2S)-4-methyl-2-[(benzyloxycarbonyl)amino]pentyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[2-[(*α*-toluenesulphonyl)amino]ethyl]-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[2-[(*α*-toluenesulphonyl)amino]ethyl]-3-pyrrolidinone;
(3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinol;
4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinone;

(3RS,4RS)-4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinol;
 4-[[N^α-(piperonylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[2-[(4-fluorobenzoyl)amino]ethyl]-3-pyrrolidinol;
 4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[2-[(4-fluorobenzoyl)amino]ethyl]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(*tert*-butoxycarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinol;
 4-[[N^α-(*tert*-butoxycarbonyl)-L-leuciny]amino]-1-benzoyl-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinol;
 4-[[N^α-(4-fluorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
 4-[[N^α-(4-carboxybenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
 1-benzyl-4-[[N^α-(4-carboxybenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
 (3RS,4RS)-1-benzyl-4-[[N^α-(4-carboxymethyl)benzoyl)-L-leuciny]amino]-3-pyrrolidinol;
 1-benzyl-4-[[N^α-(4-carboxymethyl)benzoyl)-L-leuciny]amino]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(4-carboxymethyl)benzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinol;
 4-[[N^α-(4-carboxymethyl)benzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
 (3RS,4RS)-1-phenethyl-4-[[N^α-(2-amino- α -toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinol;
 1-phenethyl-4-[[N^α-(2-amino- α -toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
 (3RS,4RS)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinol;
 4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinol;
 4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;
 (3RS,4RS)-4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinol;
 4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;
 (3RS,4RS)-4-[(2S)-4-methyl-2-(benzyl)oxy]pentanoyl]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentanoyl]-3-piperidinol;

4-[[[(2S)-4-methyl-2-(benzyl)oxy]pentanoyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
(3RS,4RS)-4-[[3-(2-pyridyl)phenylacetyl]]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-
piperidinol;
4-[[[3-(2-pyridyl)phenylacetyl]]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-
piperidinone;
(3RS,4RS)-4-[[N^α-(p-trifluoromethanephensulphonyl)-L-leuciny]]amino]-1-[3-(2-
pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(p-trifluoromethanephensulphonyl)-L-leuciny]]amino]-1-[3-(2-
pyridyl)phenylacetyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]]amino]-1-[3-(2-
pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-
piperidinone;
(3RS,4RS)-4-[[N^α-(3,4-dichlorophenylsulphonyl)-
L-leuciny]]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(3,4-dichlorophenylsulphonyl)-L-leuciny]]amino]-1-[3-(2-
pyridyl)phenylacetyl]-3-piperidinone;
(3RS,4RS)-4-[[N^α-(methanesulphonyl)-L-leuciny]]amino]-1-[3-(2-
pyridyl)phenylacetyl]-3-piperidinol;
4-[[N^α-(methanesulphonyl)-L-leuciny]]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-
piperidinone;
(3RS,4RS)-4-[[N^α-(4-fluorophenylsulphonyl)-L-leuciny]]amino]-1-[3-(2-
pyridyl)phenylacetyl]-3-piperidinol; or
4-[[N^α-(4-fluorophenylsulphonyl)-L-leuciny]]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-
piperidinone;

or a pharmaceutically acceptable salt thereof.

17 (Original). A compound according to claim 1 which is:

4-[[N^α-(benzyloxycarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]]amino]-1-[4-(phenoxybenzamide)]-
3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]]amino]-1-[4-(biphenylethanoyl)]-3-
pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]]amino]-1-[(2S)-4-methyl-2-[[[(tert-
butoxyoxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;

4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-(aminomethyl)pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[(N-tert-butoxycarbonyl)ethanoyl]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[(ethanoyl)aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[(tert-butoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2R)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)amino]ethanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-2-[[[(benzyloxycarbonyl)]amino]propanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[cyclohexanepropanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(4-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(2-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(3-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-(2-pyridylcarbonyl)-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[4-(biphenyl)ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-tert-butoxycarbonyl-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[[[(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(tert-butoxycarbonyl)amino]ethanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-(amino)ethanoyl]-3-piperidinone;

4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentanoyl)-3-piperidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(benzoyl)-3-piperidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(acetyl)-3-piperidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(2-pyridoxyacetyl)-3-piperidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-piperidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethanoyl]-3-pyrrolidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[2-(phenoxy)ethanoyl]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-phenyl)ethanoyl]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-ethanoyl-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-cyanobenzoyl)-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
 4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-butoxycarbonyl-3-pyrrolidinone;
 4-[[N^α-(3-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
 4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
 4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[1-(adamantyl)carbonyl]-3-pyrrolidinone;
 4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methyl-pentanoyl)-3-pyrrolidinone;
 4-[[N^α-(benzyloxycarbonyl)-D-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
 4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone

4-[[N^α-(benzyloxycarbonyl)-N^ε-(tert-butoxycarbonyl)-L-lysine]amino]-1-
[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-tert-
butoxycarbonyl-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(4-
methylpentanoyl)-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[2-
(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-3-piperidinone;
4-[[N-2-(benzyloxycarbonyl)]iso-butylamino]ethanoyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(methanesulphonyl)-3-
piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(phenylsulphonyl)-3-
piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(8-
quinolinesulphonyl)-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-(2-
pyridylsulphonyl)-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2-propoxy)
carbonyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(3-methyl-1-
propoxy)carbonyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)
phenylsulphonyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-[(4-phenoxy)
phenylsulphonyl]-3-piperidinone;
4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(6-quinolinecarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[(2-dibenzofuransulphonyl)amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]methylamino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-
piperidinone;
4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-
piperidinone;
4-[[N^α-(3-chlorobenzoyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-
piperidinone;
4-[[N^α-(2-quinolinecarbonyl)-L-leuciny]amino]-1-(4-methylpentyl)-3-
piperidinone;

4-[[N^α-(3,4-dichlorobenzoyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(8-quinolinecarbonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone
4-[[N^α-(3-isoquinolinecarbonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(acetyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(p-trifluoromethylbenzenesulphonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(6-quinolinecarbonyl)-L-leucinyl]amino]-1-(4-methylpentyl)-3-piperidinone;
4-[[2-(RS)-[(3-biphenyl)-4-methyl]amino]pentanoyl]-1-(4-methylpentyl)-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[2-[(benzyloxycarbonyl)methylamino]ethyl]-3-piperidinone;
4-[[N^α-(a-toluenesulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(benzensulphonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(3-isoquinolinecarbonyl)-L-leucinyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[3-[(2-pyridyl)phenylacetyl]]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentanoyl]-3-piperidinone;
4-[3-[(2-pyridyl)phenylacetyl]]amino]-1-[(2S)-4-methyl-2-[[2-(pyridinylmethoxycarbonyl)]amino]pentanoyl]-3-piperidinone;
4-[[N^α-(2-phenylacetyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(tert-butoxyoxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[(L-leucinyl)amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-quinolinecarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(piperonylcarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;

4-[[N^α-(2-pyridylcarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-nitro-a-toluenesulphonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]aminomethyl]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-
2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-1-[(2R)-4-methyl-
2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(phenylacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2R)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-
[[[(benzyloxycarbonyl)]amino]pentyl]-3-piperidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
4-[[N^α-(8-quinolinesulphonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
4-[[N^α-(4-pyridinylacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
4-[[N^α-(4-imidazoleacetyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
4-[[N^α-(4-pyridinylcarbonyl)-L-leuciny]amino]-1-(benzyloxycarbonyl)-3-
piperidinone;
1-benzyl-4-[[N^α-(3-isoquinolinylcarbonyl)-L-leuciny]amino]-3-
pyrrolidinone;
1-benzyl-4-[[N^α-(3,4-dichlorobenzoyl)-L-leuciny]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]aminomethyl]-3-
pyrrolidinone;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]aminomethyl]-3-
pyrrolidinone;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;

1-benzyl-4-[[N^α-(piperonylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-fluorobenzoyl)-L-leucynyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(6-hydroxy-2-naphthylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(6-quinolinylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-imidazoleacetyl)-L-leucynyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-pyridinylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinone;
4-[[N^α-(tert-butoxycarbonyl)-L-leucynyl]amino]-1-benzyloxycarbonyl-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2R)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[tert-butoxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-(amino)pentyl]-3-pyrrolidinone;
4-[[N^α-(2-methylpropoxy)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(methylamino)thiocarbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(phenylmethylamino)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(3,4-dichlorophenylamino)carbonyl]-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]amino]pentyl]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(3,4-dichlorophenylamino)-L-leucynyl]amino]-3-pyrrolidinone;
4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(1,2,3,4-tetrahydro-6-quinolinecarbonyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(acetyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(methanesulphonyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucynyl]amino]-1-[(2S)-4-methyl-2-[(a-toluenesulphonyl)amino]pentyl]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(4-fluorobenzoyl)-L-leucynyl]amino]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(2-quinolinylcarbonyl)-L-leucynyl]amino]-3-pyrrolidinone;

1-(2-phenethyl)-4-[[N^α-(2-naphthylcarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(α -toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-phenethyl)-4-[[N^α-(2-nitro- α -toluenesulphonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[4-pyridinylcarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(p-toluenesulphonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(2-phenylacetyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[(4-imidazoleacetyl)]amino]pentyl]-3-pyrrolidinone;
1-(3-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-nitrobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(4-cyanobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(4-bromobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-phenethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(3-aminobenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(3-benzyloxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(3-hydroxybenzyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-ethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-cyclopropylmethyl-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-N,N-dimethylaminoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-morpholinoethyl)-4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
1-(2-bromobenzyl)-4-[[N^α-(2-pyridinylmethoxycarbonyl)-L-leuciny]amino]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxy)carbonyl)-L-leuciny]amino]-1-[(2S)-4-methyl-2-[[benzyloxycarbonyl]]aminomethyl]pentyl]-3-pyrrolidinone;

4-[[N^α-[(2-pyridinylmethoxy)carbonyl]-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-[(3-pyridinylmethoxy)carbonyl]-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-pyridinylmethoxycarbonyl)-L-leucinyl]aminomethyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentyl]-3-pyrrolidinone;
1-benzyl-4-[[[N^α-(2-nitro- α -toluenesulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(phenylsulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(α -toluenesulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]amino]-3-piperidinone;
1-benzyl-4-[[N^α-(2-quinolinylcarbonyl)-L-leucinyl]amino]-3-piperidinone;
1-benzyl-4-[[N^α-(2-naphthylsulphonyl)-L-leucinyl]amino]-3-piperidinone;
4-[[N^α-(benzyloxycarbonyl)-L-leucinyl]aminomethyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]aminomethyl]pentanoyl]-3-pyrrolidinone;
4-[(2S)-4-methyl-2-[(benzyloxycarbonyl)amino]pentyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[2-[(α -toluenesulphonyl)amino]ethyl]-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-benzoyl-3-pyrrolidinone;
4-[[N^α-(piperonylcarbonyl)-L-leucinyl]amino]-1-benzoyl-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[2-[(4-fluorobenzoyl)amino]ethyl]-3-pyrrolidinone;
4-[[N^α-(*tert*-butoxycarbonyl)-L-leucinyl]amino]-1-benzoyl-3-pyrrolidinone;
4-[[N^α-(4-fluorobenzoyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
4-[[N^α-(4-carboxybenzoyl)-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-carboxybenzoyl)-L-leucinyl]amino]-3-pyrrolidinone;
1-benzyl-4-[[N^α-(4-carboxymethyl)benzoyl)-L-leucinyl]amino]-3-pyrrolidinone;
4-[[N^α-[(4-carboxymethyl)benzoyl]-L-leucinyl]amino]-1-[(2S)-4-methyl-2-[(4-fluorobenzoyl)amino]pentyl]-3-pyrrolidinone;
1-phenethyl-4-[[N^α-(2-amino- α -toluenesulphonyl)-L-leucinyl]amino]-3-pyrrolidinone;
4-[[N^α-(2-naphthylcarbonyl)-L-leucinyl]amino]-1-benzoyl-3-piperidinone;
4-[[N^α-(2-quinolinecarbonyl)-L-leucinyl]amino]-1-benzoyl-3-piperidinone;

4-[[N^α-(3-isoquinolinecarbonyl)-L-leuciny]amino]-1-benzoyl-3-piperidinone;
4-[[[(2S)-4-methyl-2-(benzyl)oxy]pentanoyl]-1-[(2S)-4-methyl-2-[[[(benzyloxycarbonyl)]amino]pentanoyl]-3-piperidinone];
4-[[3-(2-pyridyl)phenylacetyl]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(p-trifluoromethanephensulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(2-naphthylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(3,4-dichlorophenylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;
4-[[N^α-(methanesulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone; or
4-[[N^α-(4-fluorophenylsulphonyl)-L-leuciny]amino]-1-[3-(2-pyridyl)phenylacetyl]-3-piperidinone;

or a pharmaceutically acceptable salt thereof.

18 (Currently amended). A pharmaceutical composition comprising a compound according to ~~any one of claims 1 to 17~~ and a pharmaceutically acceptable carrier.

19 (Original). A method of inhibiting a cysteine protease which comprises administering a compound according to claim 1.

20 (Original). A method according to claim 19 wherein the cysteine protease is cathepsin K.

21 (Original). A method of inhibiting bone loss which comprises administering a compound according to claim 1.

22 (Original). A method of treating osteoporosis which comprises administering a compound according to claim 1.

23 (Original). A method of treating gingival or periodontal disease which comprises administering a compound according to claim 1.

24 (Original). A method of treating a disease characterized by excessive cartilage or matrix degradation which comprises administering a compound according to claim 1.

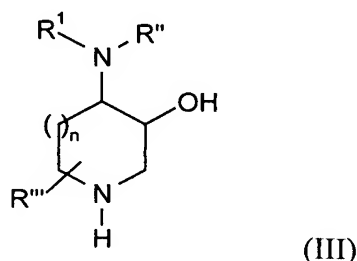
25 (Original). A method according to claim 24 wherein said disease is osteoarthritis or rheumatoid arthritis.

Claims 26-33 (Cancelled).

34 (Original). A process for preparing a compound of the formula (I) as defined in claim 1, which process comprises:

(A) for compounds in which A is CH(OH):

(i) reacting a compound of the formula (III):



or a salt thereof,

wherein R¹, R'', R''' and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, with:

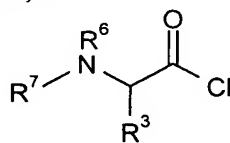
(a) R⁵C(O)Cl, in which R⁵ is as defined in formula (I) of claim 1; or

(b) R⁵C(O)OH, in which R⁵ is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or

(c) R⁵C(O)H, in which R⁵ is as defined in formula (I) of claim 1, followed by reduction; or

(d) R⁵OC(O)Cl, in which R⁵ is as defined in formula (I) of claim 1, in the presence of base; or

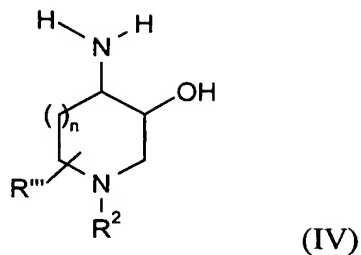
(e) R⁵SO₂Cl, in which R⁵ is as defined in formula (I) of claim 1, in the presence of base; or



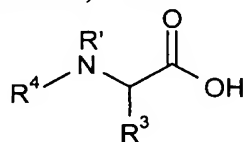
(f) wherein R³, R⁶ and R⁷ are as defined in formula (I) of claim 1; or

(g) adamantyl-C(O)Cl;

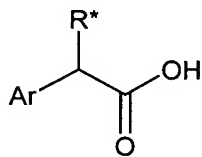
(ii) reacting a compound of the formula ~~aa~~ (IV):



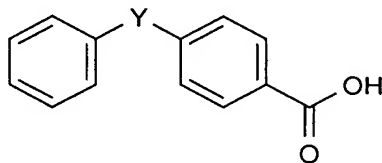
wherein R², R''' and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, with:



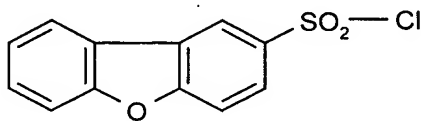
(a) , in which R³, R⁴ and R' are as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or



(b) , in which R* is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or

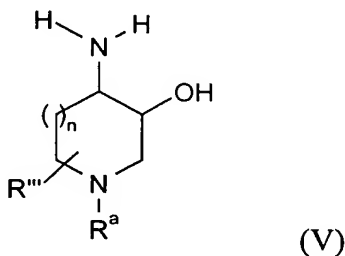


(c) , in which Y is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or

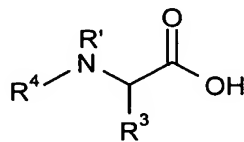


(d) ;

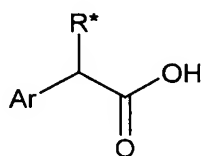
(iii) reacting a compound of the formula (V):



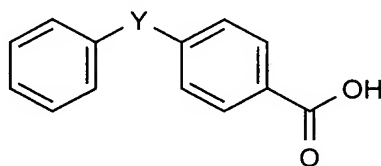
wherein R^{'''} and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, and R^a is C₁₋₆alkyl, C₃₋₆cycloalkyl-C₀₋₆alkyl, Ar-C₀₋₆alkyl, or Het-C₀₋₆alkyl with:



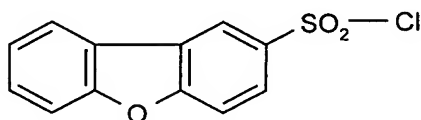
(a) , in which R³, R⁴ and R' are as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or



(b) , in which R* is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or



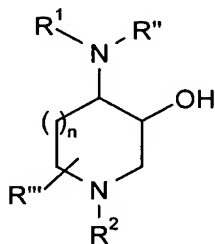
(c) , in which Y is as defined in formula (I) of claim 1, in the presence of EDC and HOBT; or



(d) ;

(B) for compounds in which A is C(O):

(i) reacting a compound of the formula~~aa1~~ (VI):



(VI)

wherein R¹, R², R'', R''' and n are as defined in formula (I) of claim 1, with any reactive functional groups protected, with an oxidizing agent;

and thereafter removing any protecting groups and optionally forming a pharmaceutically acceptable salt.